

04-14-07

IFW

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

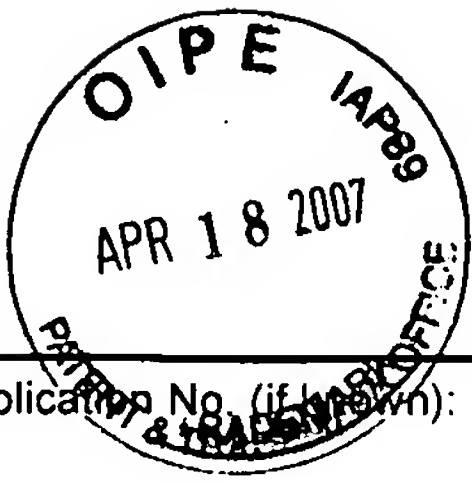
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/589,044 ✓
		Filing Date	August 10, 2006
		First Named Inventor	Takeo Nishikawa
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	7	Attorney Docket Number	15115/240001

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  IDS Citation by Applicant (30 References) (2 pages) Certificate of Express Mailing (1 page) Return Receipt Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	OSHA · LIANG LLP		
Signature			
Printed name	Jonathan P. Osha		
Date	April 18, 2007	Reg. No.	33,986



Application No. (if known): 10/589,044

Attorney Docket No.: 15115/240001

## Certificate of Express Mailing Under 37 CFR 1.10

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IDS (Citation) by Applicant (30 References) (2 pages)  
Information Disclosure Statement (3 pages)  
Transmittal (1 page)



Docket No.: 15115/240001  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Takeo Nishikawa et al.

Application No.: 10/589,044

Filed: August 10, 2006

Art Unit: N/A

For: SURFACE PLASMON RESONANCE  
SENSOR

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Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A full translation of the non-English language references is enclosed for JP2004-117181, JP2004-239715, JP2004-309416, JP2004-354130, JP2005-16963, JP2003-14765, JP10-160737, JP2001-149774, and JP3452837.

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references except for U.S. Publication No. 2004/0183176, which corresponds to JP2004-245639 and JP2004-232027; U.S. Publication No. 2003/0132392, which corresponds to JP2003-270132; and WO-01/25757 which corresponds to JP2003-511666. A concise explanation of relevance for JP3452837 listed on form PTO/SB/08 is given in the background section of the specification.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is “prior art” for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

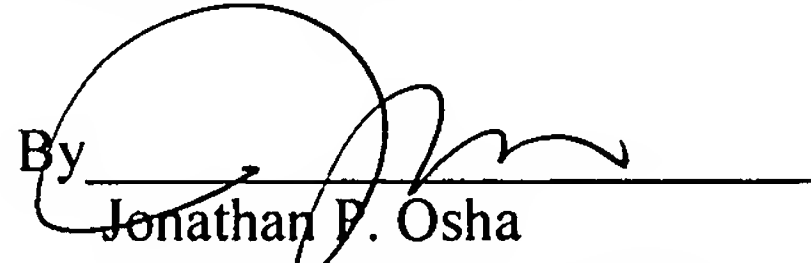
Application No.: 10/589,044

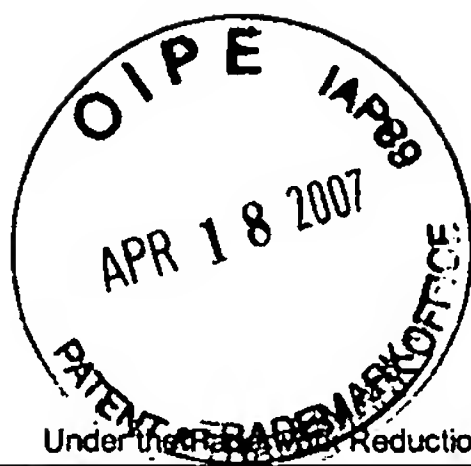
Docket No.: 15115/240001

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith to our Deposit Account No. 50-0591, under Order No. 15115/240001.

Dated: April 18, 2007

Respectfully submitted,

By   
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PTO/SB/08A/B (09-06)  
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/589,044
				Filing Date	August 10, 2006
				First Named Inventor	Takeo Nishikawa
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	15115/240001
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-2004/0183176-A1	09-23-2004	Naya et al.	
	AB*	US-2003/0132392-A1	07-17-2003	Kuroda et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	JP-2004-117181	04-15-2004	Sharp Corp.		✓
	BB	JP-2004-239715	08-26-2004	Fuji Photo Film Co., Ltd.		✓
	BC	JP-2004-245639	09-02-2004	Fuji Photo Film Co., Ltd.		
	BD	JP-2004-239664	08-26-2004	Fuji Photo Film Co., Ltd.		
	BE	JP-2004-232027	08-19-2004	Fuji Photo Film Co., Ltd.		
	BF	JP-2004-309416	11-04-2004	Sony Corp.		✓
	BG	JP-2004-354130	12-16-2004	Canon Inc.		✓
	BH	JP-2005-16963	01-20-2005	Canon Inc.		✓
	BI	JP-2005-24483	01-27-2005	Nippon Telegraph and Telephone Corp.		
	BJ	JP-2005-30905	02-03-2005	Mitsubishi Chemical Corp.		
	BK	JP-2005-30906	02-03-2005	Mitsubishi Chemical Corp.		
	BL	JP-2005-49297	02-24-2005	National Institute of Advanced Industrial Science and Technology		
	BM	JP-2003-270132	09-25-2003	Canon, Inc.		
	BN	JP-2003/121350	04-23-2003	Mitsubishi Chemical Corp.		
	BO	JP-2003-121349	04-23-2003	Mitsubishi Chemical Corp.		
	BP	JP-2002-365210	12-18-2002	Hitachi, Ltd.		
	BQ	JP-2003-42947	02-13-2003	Mitsubishi Chemical Corp.		
	BR	JP-2003-57173	02-26-2003	Mitsubishi Chemical Corp.		
	BS	JP-2002-357543	12-13-2002	Mitsubishi Chemical Corp.		
	BT	JP-2002-357537	12-13-2002	Mitsubishi Chemical Corp.		
	BU	JP-2003-14622	01-15-2003	Mitsubishi Chemical Corp.		
	BV	JP-2003-14765	01-15-2003	The Institute of Physical and Chemical Research		✓
	BW	JP-10-160737	06-19-1998	Dainippon Printing Co., Ltd.		✓
	BX	JP-2001-149774	06-05-2001	Japan Science and Technology		✓
	BY	JP-2003-511666	03-25-2003	Saromeddo Inc.		
	BZ	WO-01/25757-A1	04-12-2001	The Penn State Research Foundation		
	BA1	JP-3452837	07-18-2003	Institute of Physical and Chemical Research		✓

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/589,044
				Filing Date	August 10, 2006
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				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	15115/240001

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	International Search Report for International Application No. PCT/2005/002045, mailed on March 15, 2005 (4 pages)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.